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M. A. R. 57 (Rule 116)

No. D

Measurement Book

Serial No. 1st and Final

64215

Name of work

From

To

Name of Contractor of nature of Agency

Sri. B. M. Kiran

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Name of work :-

Job Code No :-

014-20-000098

Route :- 3296

AS NO :-
TS NO :-
Est Cost :-

Construction of drain and other development works at 6th Cross Construction of road foot path and Bagalagunte 9th 10th Cross roads, drilling of borewells and pipelines at selected area and construction and repairs UGD in Bagalagunte ward no 14 in Dasarahalli Assembly Constituency.

EE/DD/AS/40/2021-22, Dt = 30.11.2021
SE/DD/TS/18/2020-21, Dt = 15.03.2021

269.95 Lakhs.

Work Order :-

EE/DD/NO.0/74/2021-22

Dt = 16.12.2021

09/10/22

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Sl No.	Description of Item	Unit	Qty	Rate	Cost	Qty	Amount
1.	Dismantling of existing structures like Culverts, bridges retaining walls and other structures comprising of masonry as per Specifications (Cum)	51-55	423.0	21805.65	51-55	21805.65	
2.	Earthwork excavation by manual means for roads drains and similar works in Ordinary Soil excavated surface levelled and Sides (Cum)	2395.78	246.0	589361.88	2395.78	589361.88	

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64216

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Name of work From To

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
3.	Providing and laying plain Cement Concrete mix 1:3:6 with OPC @ 220 kgs with Crushed 40mm and down Size as per Specification (Cum)	382.97	5936.00	2273309.92	382.97	2273309.92	
4.	Providing T.M.T steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and/or welding (Tonne) as per specification	50.20	57107.00	2866771.40	50.20	2866771.40	

29/00/12

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
5.	Providing and laying plain / reinforced Cement Concrete for side drains using M50 nominal mix Concrete with OPC at 300 kgs Specifications	902.97	7.57.0	7004338.29	902.97	7004338.29	
6.	Providing pre-Cast of 100 mm thick including Cost of all materials labour Curing transportation loading etc. direction of engineer in charge (Sqm)	2278.02	1951.00	4444417.02	2278.02	4444417.02	
7.	Providing pre-Cast Slab of 250mm thick including Cost of all materials labour Curing transportation. (Sqm)	67.20	4815.00	323568.00	67.20	323568.00	

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Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
8.	Ms gratings 260 mm x 260 mm (Sqm)	197.00	1.00	1.00	197.00	0.00	0.00
9.	Geophysical investigation of Site for sinking bore well for supplying drinking water to the habitations either through the hand pump (Each)	1.00	3938.00	3938.00	1.00	3938.00	
10.	Sinking borewell of 165mm dia clear using Super fast hydraulic sig of Capacity 250 PSLcr and above 900 (Rmt)	50.00	363.00	18150.00	50.00	18150.00	

20700
29/06/12

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
11.	50m to 100m	(Rmt)	50.00	462.0	23100.0	50.00	23100.00
12.	100m to 150m	(Rmt)	50.00	477.0	23850.0	50.00	23850.00
13.	150m to 200m	(Rmt)	50.00	560.0	28000.0	50.00	28000.00
14.	200m to 250m	(Rmt)	50.00	663.0	33150.0	50.00	33150.00
15.	250m to 300m	(Rmt)	50.00	732.0	36600.0	50.00	36600.00
16.	300m to 350m	(Rmt)	50.00	862.0	43100.0	50.00	43100.00
17.	Providing and Fixing 250mm dia PVC (casing pipe) (page no. xxxv, Sl no 892) as per Specification.	(Rmt)	3.00	2302.0	6906.00	3.00	6906.00

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64218

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
18.	Supply of ISI Mark 175mm nominal Bore plain end Steel Casing pipe - grade of Steel 4100 of work (Rmt)		20.00	202.56	27700.00	20.00	27700.00
19.	Providing 175mm dia M.S Collar as per Specifications. (No.s)		3.33	287.10	471.00	3.00	471.00
20.	Providing 175mm dia Bore Cap CE (M) (No.s)		1.00	105.00	105.00	1.00	105.00

29/06/23

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
21.	Atalanga Suguna CRI - Kirtaskar and Other equip- ments pumps 15 00 Hp/11 Kw (No.s)	1.00	707.72	707.72	707.72	1.00	70772.00
22.	Providing and Fixing in tree has galvanized I.M.S tube 50mm dia Nominal bore (Rmt)	340.0	430.00	430.00	430.00	340.00	146200.00
23.	Supplying and de-aising 3-Cr orc flat PVC sheathed Submersible pump Cable (Rmt)	690.0	214.00	214.00	214.00	690.00	147660.00
24.	Providing and Fixing in positi on 50mm Nominal bore Non-return Valve Vertic al type (No.s)	1.00	1406.00	1406.00	1406.00	1.00	1406.00

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Date of commencement of work.....

Date 1	Full description, etc. of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
25.	Supplying and Fixing 50mm GI Union (No.s)	1.00	234.0	234.0	234.0	1.00	234.00
26.	Supplying and Fixing 50mm GI Elbow (No.s)	1.00	117.0	117.0	117.0	1.00	117.00
27.	Supplying and Fixing GI Nipple (No.s)	1.00	109.0	109.0	109.0	1.00	109.00
28.	Supplying and delivery of galvanized mild steel tubes heavy class (C class) (No.s)	57.00 56.00	652.00	652.00	652.00	57.00 56.00	37164.00 36512.00
29.	Supplying and Fixing 20" x 20" x 2.5" polished wood board made of not less than (Each)	1.00	305.0	305.0	305.0	1.00	305.00

29/06/12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30.	Supplying and Fixing miniature circuit breakers on existing MCB distribution board using necessary fixing (Each)	1.00	1416.00	1416.00	1.00	1.00	1416.00
31.	Supplying of TPST with reusable porcelain channels in SM enclosure made out of 14 SWG powder coated (Each)	1.00	1881.00	1881.00	1.00	1.00	1881.00
32.	Supplying and Fixing LED type panel board indicating lamp with required colour for (Each)	1.00	449.00	449.00	1.00	1.00	449.00
33.	Supplying fully automatic star delta starter unit push button type with (Each)	1.00	8360.00	8360.00	1.00	1.00	8360.00

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64220

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Name of work From To

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Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
34.	Supplying and Fixing Single phase preventer using necessary wires over an existing panel board (Each)	1.00	779.00	779.00	1.00	1.00	779.00
35.	Wiring for lighting / power circuit using One of FRLS PVC insulated 1100V grade multistrand Copper (Mtrs)	20.00	47.00	940.00	20.00	1.00	940.00
36.	Supplying Fixing and wiring heavy duty low voltage Capacitors confirming (KVAR)	18.00	418.00	7524.00	18.00	1.00	7524.00

29/05/22

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
37.02	Supplying fixing wiring earth electrode for grounding Cord with V.C. Cables and (Rm.)	1.00	31.35.00	31.35.00	1.00	3135.00	
38	Digging of trench of 0.30mtrs deep x 0.5 mtrs wide refilling the trench to the required level (Rm.)	8.00	107.00	356.00	8.00	856.00	
39	Supplying of 11 KV LT U/G Cable XLPE (Rm.) Heat resistant + PVC insulated PVC extruded inner Sheath (Rm.)	10.00	157.00	1570.00	10.00	1570.00	
40	Labour Charge for Laying 11 KV class U/G Cable in existing trench GI-pipe (Rm.)	85.00	12.00	300.00	85.00	300.00	

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64231

Serial No.

Name of work

From

To

Name of Contractor or nature of Agency

Date of commencement of work

Date	Full description, etc. of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
41	Supplying and Fixing Class-A (medium duty) GI-pipe wall thickness not less than 2mm (Rm.)	3.00	550.00	710.00	3.00	710.00	
42	Supplying and Fixing LT Cast iron pot heads suitable for 11 KV class U/G Cable Filled with bitumen (Rm.)	1.00	222.00	222.00	1.00	222.00	
43	Supplying and Fixing porcelain fuse-channel with Cut Out on the existing wooden block and wiring (Each)	3.00	222.00	711.00	3.00	711.00	

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
44	Earthwork excavation for foundation of buildings, water supply Sanitary lines and electrical conduits	17.46	17.46	17.46	17.46	17.46	10423.62
45	Providing and installing at site work pvc pipes including Cast of pipe and special and labour	50.00	50.00	162.00	8100.00	50.00	8100.00
46	Providing and fixing to wall Ceiling and Floor Medium density polyethylene pipes	97.00	97.00	143.00	13871.00	97.00	13871.00
47	Providing and Fixing in position brass gate Valve with C.I wheel of approved quality	4.00	4.00	2329.00	9316.00	4.00	9316.00

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No. D

642

Serial No.

Name of work

From

To

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc. of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
48.	Providing and Filling dust in Foundation upto plinth (Data Rate)	8.73	8.73	137.00	1201.21	8.73	1201.21
49.	Excavation for roadwork in all types of Soil by mechanical means including Cutting	841.05	841.05	88.00	74012.40	841.05	74012.40
50.	Compacting of Original ground by mechanical means including filling in depression occurring	1667.00	1667.00	7.00	11669.00	1667.00	11669.00

29/06/12

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
51.	Providing Laying Spreading and Compacting Crushed Stone aggregates of granite 1 trap / basalt to wet mix (Cum)	489.78	2091.00	1024129.88	489.78	1024129.88	98
52.	Providing and applying primer Coat with 88 bitumen emulsion on prepared surface of granular base such as (Sym)	1596.0	35.00	55860.00	1596.00	55860.00	
53.	Providing and applying tack Coat using 80/100 grade bitumen (Per 10) (Sym)	1596.0	11.00	17556.00	1596.00	17556.00	
54.	Providing and laying dense graded bituminous macadam using Crushed (Cum)	79.80	7621.00	608155.80	79.80	608155.80	

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64228

Serial No.

Name of work From To

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Date of commencement of work

Date 1	Full description, etc. of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
55.	Providing and Laying bituminous Concrete using Crushed aggregates of Specified grading pre-mixed. (Cum)	47.88	8851.00	422828.28	47.88	422828.28	
56.	Construction un-reinforced plain Cement Concrete for pavements using grade M-30 Over a pre base (Cum)	737.05	5801.00	4275627.05	737.05	4275627.05	
			24744430	2969322	258000	Sub Total:-	24744512.44
			24744430	2969322	258000	9% + 12% PMC Charges:-	2969341.49
			24744430	2969322	258000	Grand Total:-	27971853.93

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	* <u>Certificate:-</u> * The above work has been Completed Satisfactorily. * The debris has been removed and disposed from the work Spot. * No. departmental issues are made to the Contractor. <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>						

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ
ಮಾಹಿತಿ ಮತ್ತು ಸಂಪನ್ಮೂಲ
ಇಲಾಖೆ, ಬೆಂಗಳೂರು
ಪಿ.ಎಂ.ಸಿ. 500073

Date	Full description, etc., of work.
1	986 S.H. Crossing
2	
Number <u>3</u>	
Height <u>05 feet 6 inches</u>	
Breadth <u>5</u>	
Dimensions	
Depth <u>7 feet 6 inch</u>	
Content <u>7</u>	Negamankk
Reference from last Measurement	(B.T.) Measurment to last Main Road

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Audited and admitted for Rs <u>27971762/-</u> Passed by Cheque for Rs <u>25992925/-</u> <u>Two Crore Fifty Nine Lakh Ninety Two</u> <u>Thousand nine hundred Twenty Five Rupee</u> by adjustment Rs <u>1978837/-</u> only/- Accountants Superintendent B.B.M.P. Dasarahalli Division Exe. Engineer					184 Find Bill → 2,79,71,762-00 IT → 494890-00 LWC → 247445-00 CBF → 247445-00 Rty → 458867-00 CAST → 247445-00 SerST → 247445-00 PMC → 258000-00 Ded(→) 1978837-00 Net → 2,59,92,925-00	